

2-197-A Site Summary - Abbott's Lagoon**2-197-A****County:** Marin **ACP Division/Segment:** MR - G - S001**NOAA Chart:** 18640 / Bodega and Tomales Bays 18643 **Map Book:** Marin County **Decimal Degrees:** 38.118241 -122.957255**Site Description:**

Located within Pt. Reyes National Seashore. The lagoon is in the northern half Pt. Reyes Seashore and fronted by Point Reyes Beach. Site lies within the Greater Farallones National Marine Sanctuary. The lagoon is open seasonally, primarily during the winter months of very wet years and following periodic high tide over-wash activity. It is surrounded by sandy beaches and backed by vegetated sand dunes.

Resources at Risk:

ESI and Habitat: 4 Coarse-grained sand beaches
 5 Mixed sand and gravel beaches
 1C Exposed rocky cliffs with boulder talus base

List of Resources at Risk:

	Resource Name	Status	Presence	Sensitivity
Amphibians	California red-legged frog	FT, SSC	Year-round	Nov-Apr
Birds	Western snowy plover	FT, SSC	Year-round	Mar-Oct
Birds	California black rail	FP, ST	Year-round	Mar-Aug
Fish	longfin smelt	ST	Year-round	Nov-May
Insects	Myrtle's silverspot butterfly	FE	Year-round	
Insects	Western bumble bee	SP	Year-round	
Plants	Tidestrom's lupine	FE, SE	Year-round	Apr-Jun

FT-Federally Threatened, FE-Federally Endangered, FP-Federally Protected, SE-State Endangered, ST-State Threatened, SP -State Protected, SR-State Rare, SSC-Species of Special Concern, BGEPA-Bald and Golden Eagle Protection Act, SSSP-State Special Status Species

List of Key Contacts:

Type	Name/Title	Organization	Phone
C	/Coordinator	Native American Heritage Commission	(916) 373-3710
C	/Coordinator	Northwest Information Center	(707) 588-8455
O	/Agency Representative, 24-hr	California Coastal Commission	(415) 693-8375
O	/Emergency Service Coordinator	Marin County Office of Emergency Services	(415) 250-0267
O	/Dispatch, 24-hr	Marin County Sheriff's Department	(415) 479-2311
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 678-4943
T	/Agency Representative, 24-hr	Greater Farallones National Marine Sanctuary	(650) 479-5311
T	/Dispatch, 24-hr	US National Park Service, Golden Gate NRA	(415) 561-5505
T	/Park Ranger, 24 hr	US National Park Service, Point Reyes	(415) 464-5175

C – Cultural, Historic, Archaeological; E – Entry/Owner/Access; O – Other; S – Safety; T – Trustee; X – Exclusion or Security

Additional Site Summary Comments:

A wide variety of birds and sensitive plant species occur in this area.

Concerns and Advice to Responders:

The concerns are oil contamination and response activity impacts to wetlands, rare and endangered species, and other vulnerable plants and wildlife which are present throughout the year. The primary objective is to minimize the exposure of oil to plants, animals and habitats present at this site. Other concerns are the impacts resulting from response activities. Avoid trampling wetlands, sand dunes, sensitive plants and animals, and soft mudflats, causing penetration of oil into the sediments and further injury to the environment.

Hazard and Restrictions:

Heavy surf along Point Reyes beach. Muddy roads in winter may be impassible.

Site Strategies:**Site Validation Level: II**

Strategy: 2-197.1 Objective: No action when natural sand berm is in place

Strategy: If the sand berm is blocking the entrance of the lagoon, no action is needed unless there is evidence or likelihood that surf may over-top the berm and wash oil into the lagoon. If this is the case, employ strategy 2.

Table of Response Resources

Last Page Update

Strategy: 2-197.2 Objective: Exclude by booming when tidal exchange with lagoon

Strategy: Deploy boom on inside of lagoon to contain and prevent spread within lagoon. Divert oil to becalmed shore location for collection & recovery. Advise UC/IC of advisability of constructing sediment dike as necessary and feasible (see Strategy 3)

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		500	feet	
Boom	Sorbent			600	feet	
Anchor	Danforth	25 lb		3		
Vessel	Skiff or Punt			1		
Staff	Staff to Deploy			3		

Strategy: 2-197.3 Objective: Exclude with sediment dike (medium grained sand). Prevent oil from entering lagoon.

Strategy: If surf is over-topping into the lagoon, use Bobcat w/ tracks or front-end loaders to build up the barrier berm by skimming sand from the neighboring flat beach (do not use the dunes for sand supply). Use plastic and/or sand bags as necessary to create a temporary non-erodible barrier. Place 6X6 swamp boom backed by sorbent boom inside the lagoon to catch any oil which may be washed past the sand dike and barrier. Heavy equipment access from South Beach Parking Lot (3 miles to south).

Table of Response Resources

Equipment	Sub-Type	Size	Unit	QTY	Unit	Last Page Update
Boom	Swamp	6x6 inch		500	feet	
Boom	Sorbent			600	feet	
Anchor	Danforth	25 lb		4		
Vessel	Skiff or Punt			1		
Heavy Equip	Bobcat w/ tracks			1		
Staff	Staff to Deploy			4		

Logistics:

Directions: From San Francisco take Hwy 101 North to Sir Francis Drake Blvd. West to Olema. Turn north (right) on Hwy 1, go 2 miles and take a left on Sir Francis Drake Blvd through Inverness. Turn right on Pierce Point Road and proceed to the Abbott's Lagoon parking area. This parking is still about 1 mile from the site, however, park rangers can open gates to allow some vehicle access down to lagoon.

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Land Access: 2WD, 4WD - not likely in winter, Heavy equipment access from South Beach Parking Lot approx 3 miles by beachfront

On-Water Limitations: The lagoon is open seasonally. Skiffs only in lagoon. Hand launch from shore.

Facilities, Staging Areas, Command Posts, Available Equipment: None close by. Set up staging on site or at North Beach Parking lot (3 miles away). Contact NPS for assistance/coordination.

Communications Problems: Cell coverage varies.

Additional Operational Comments: Further coordination and planning with the National Park Service will be required to establish access. Services (sanitation, power, and water) are unavailable in this area. Strategy has not been deployed or tested.

